

# Stream Study Data Sheet

Date:10/22/13 School:North East Middle School Stream:20 Mile No. of students:27\_\_\_\_\_

					4 Excellent	3 Good	2 Fair	1 Poor
Bare Soil		5-10%			0-10%	11-40%	41-80%	81-100%
Bank Erosion		few			Stable	Few	Overall	Extensive
Water Appearance		Fast Moving, clear						
Coliform Bacteria (MPN)						Negative		Positive
Dissolved Oxygen	#1 4	#2 5	#3 4	91-110%	71-90%	51-70%	<50%	
Nitrate	#1 3	#2 3	#3 3	X		5ppm	20,40ppm	
Phosphate	#1 1	#2 1	#3 1	1ppm	2ppm	4ppm		
pH	#1 7	#2 8	#3 8	7	6,8		4,5,9,10,11	
Temperature				0-2	3-5	6-10	>10	
Downstream	9 C							
Upstream	9.5 C							
Difference	0.5 C							
Turbidity	#1 60	#2 60	#3 60	0 JTU	>0 to 40 JTU	>40 to 100 JTU	>100 JTU	
Macroinvertebrates				16 and above	12-15	8-11	7 or less	

## Macroinvertebrate Data Sheet

Macroinvertebrate	Number Found	Pollution Tolerant/Somewhat Tolerant/Intolerant
Snail 1	crayfish 1	
Spider 1		
Steel head 3		
*Water was high and fast moving from rainstorm*		